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| TO:                    | FROM:                               |
| J. Crepeau             | William E. Koch (Reg. No. 29,659)   |
| COMPANY:               | DATE:                               |
| USPTO                  | JULY 14, 2006                       |
| FAX NUMBER:            | TOTAL NO. OF PAGES INCLUDING COVER: |
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| PHONE NUMBER:          | SENDER'S REFERENCE NUMBER:          |
|                        | CM01523L D01 (001.5020D1)           |
| RE:                    | REFERENCE NUMBER:                   |
| Response and Amendment | 10/687,943                          |
| NOTES/COMMENTS:        |                                     |

**FORMAL COMMUNICATION  
INTENDED FOR ENTRY**

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Appl. No. 10/687,943

Amdt. Dated 14 July 2006

Reply to Office action of 7 June 2006

UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|            |                     |                  |              |
|------------|---------------------|------------------|--------------|
| Appl. No.  | : 10/687,943        | Confirmation No. | : 9908       |
| Applicant  | : Muthuswamy et al. | TC/A.U.          | : 1745       |
| Filed      | : 17 October 2003   | Examiner         | : J. Crepeau |
| Docket No. | : CM01523L D01      | Customer No.     | : 29,906     |

For: FUEL CELL USING VARIABLE POROSITY GAS DIFFUSION MATERIAL

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-1299.

on 14 July 06 Signature: William E. Koch  
William E. Koch

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.116

Mail Stop: Final Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of 7 June 2006, please amend the above-identified application as follows and consider the following remarks:

**Amendments to the Claims** are reflected in the listing that begins on page 2.

**Remarks/Arguments** begin on page 5 of this paper.